

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Kazuyoshi UENO

Filed: : Concurrently herewith

For : SEMICONDUCTOR DEVICE AND A METHOD FOR FORMING A  
VIA HOLE IN A SEMICONDUCTOR DEVICE

Serial No.: Concurrently herewith

(January 24, 2000

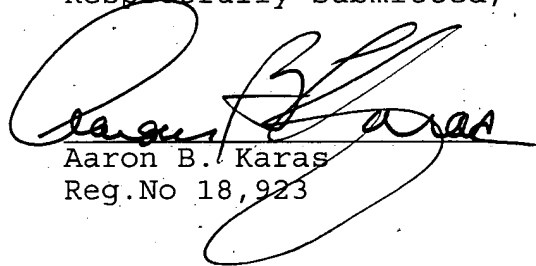
Assistant Commissioner of Patents  
Washington, D.C. 20231

SUB-POWER OF ATTORNEY

S I R:

I, Aaron B. Karas, Reg. No. 18,923 attorney of record  
herein, do hereby grant a sub-power of attorney to Linda S.  
Chan, Reg. No. 42,400, Jacqueline M. Steady, Reg. No., 44,354  
and Harris A. Wolin, Reg. No. 39,432 to act and sign in my behalf  
in the above-referenced application.

Respectfully submitted,

  
Aaron B. Karas  
Reg. No 18,923

HELFGOTT & KARAS, P.C.  
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